

Title (en)

BALANCED THREAD FORM, TUBULARS EMPLOYING THE SAME, AND METHODS RELATING THERETO

Title (de)

AUSGEGLICHENE GEWINDEFORM, ROHRE DAMIT UND VERFAHREN IM ZUSAMMENHANG DAMIT

Title (fr)

PROFIL DE FILET ÉQUILIBRÉ, ÉLÉMENTS TUBULAIRES EMPLOYANT CELUI-CI ET PROCÉDÉS S'Y RAPPORTANT

Publication

**EP 3247864 B1 20200909 (EN)**

Application

**EP 16702231 A 20160106**

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Abstract (en)

[origin: WO2016118324A1] A tubular member (50) having a longitudinal axis (55), a first end (60), and a second end (80) is disclosed. The tubular member includes a pin connector including an external shoulder (62), an internal shoulder (64) axially spaced from the external shoulder, and a plurality of threads (68) in a region between the external shoulder and the internal shoulder that taper relative to the longitudinal axis at 1.0 to 1.5 inches per foot. The threads include an axial density measured in a number of threads per inch (TPI), and when the pin connector is threadably engaged with a box connector, each of the threads contacts a corresponding box thread on the box connector along a projected radial distance Hc. In addition, the threads are configured such that the product of  $2(\sqrt{3})(H_c)(TPI)$  is greater than or equal to 0.95 and less than or equal to 1.05.

IPC 8 full level

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